

CLAIMS

1. A method of facilitating the tracing of errors in executable software of a computer controlled system, wherein said software is achieved in a building process,

5 i.e. the compiling (202; 302) and linking (203; 303) of a number of source-code files which are stored in a version controlling system, and wherein at least a part of said building process furthermore results in a record which specifies names and versions of source-code files

10 included in said building process characterised in the following steps:

 - storing (204;304) said record in a version controlling system,
 - retrieving (205; 305) path and version number of the

15 record thus stored, and

 - bundling (206, 207; 306) said path and version number with said executable software in such a manner that said path and version number is retrievable at the site where the executable software is to be used.
- 20 2. A method as claimed in claim 1 characterised in said bundling including the following step:

 - postprocessing (306) said executable file and thus integrating said executable file and said path and version number.
- 25 3. A method as claimed in claim 1 characterised in that said executable software is stored in a PROM circuit.
4. A method of facilitating the tracing of errors in executable software of a computer controlled system,

30 wherein said software is achieved in a building process, i.e. the compiling and linking of a number of source-code

files which are stored in a version controlling system,
c h a r a c t e r i s e d in the following steps:

-compiling (202) said source code files into object
files,

5 -linking (203) said object files into a relocatable
module, wherein said compiling and linking steps also
creates a record specifying names and versions of used
source code files,

10 -storing (204) said record in a version controlling
system,

-retrieving path and version of the record thus stored,

-creating (205) a source code file where said path and
version number are defined as global variables,

15 -compiling (206) the source code file where said path and
version number are defined as global variables,

-linking (207) said relocatable together with said source
code file where said path and version number are defined
as global variables, into an executable file.

20 5. A method of facilitating the tracing of errors in
function library software, wherein said function library
software is achieved in a building process, i.e. the
compiling and linking of a number of source-code files
which are stored in a version controlling system, and
wherein at least a part of said building process
25 furthermore results in a record which specifies names and
versions of source-code files included in said building
process c h a r a c t e r i s e d in the following steps:

-storing (204) said record in a version controlling
system,

-retrieving (205) path and version number of the record thus stored, and

5 -bundling (206, 207) said path and version number with said function library software in such a manner that said path and version number is retrievable when the function library software is to be used.

6. A computer readable medium comprising, in compiled format, the following items defined as global string variables:

10 "@(#)X"; and

 "@(#)Y";

wherein X is the path and Y is the version number of a configuration record stored in a version control system